

WHAT IS CLAIMED IS:

5 1. A method for generating an ETT of EPG comprising inserting an event\_id in a table\_id\_extension of each ETT section header, wherein the event\_id identifies an event to which an ETT section corresponds.

2. A method of claim 1, wherein the table\_id\_extension is composed of 16 bits.

10 3. A method of claim 2, wherein 14 bits of the 16 bits represents the event\_id.

15 4. A method of claim 3, wherein one of two bits of the table\_id\_extension not used for the event\_id represents an ETM\_location value to distinguish whether an ETT section is transmitted from a same channel as a corresponding EIT.

20 5. A method of claim 3, wherein one of two bits of the table\_id\_extension not used for the event\_id represents a value to distinguish whether detailed information included in an ETT section is for channels or for events.

25 6. A method of claim 1, further comprising inserting an ETM\_location value in the table\_id\_extension to distinguish whether an ETT section is transmitted from the same channel as EIT.

7. A method of claim 1, further comprising inserting a value in the table\_id\_extension to distinguish whether detailed information in an ETT section is for channels or for events.

5           8. A method of processing ETTs comprising:  
                  setting an ETT section filter;  
                  detecting the ETT section-outs;  
                  section filtering and detecting at least one pertinent ETT  
                  section using an event\_id value in a table\_id\_extension of ETT  
                  sections;  
                  parsing the detected at least one ETT section; and  
                  storing each parsed ETT section as a text message.

10           9. A method of claim 8, wherein the table\_id\_extension is  
                  composed of 16 bits.

15           10. A method of claim 9, wherein 14 bits of the 16 bits  
                  represents the event\_id.

20           11. A method for identifying ETTs of an EPG comprising:  
                  inserting an event\_id in a table\_id\_extension of each ETT  
                  sections before transmitting the ETT sections to a receiver; and  
                  section filtering, at the receiver, the received ETT  
                  sections based upon the event\_id to identify an ETT section.

25           12. A method of claim 11, wherein identifying an ETT section

comprises:

setting an ETT section filter;  
detecting ETT section-outs;  
section filtering and detecting at least one pertinent ETT  
5 section using the event\_id in the table\_id\_extension of each ETT  
sections;  
parsing the detected at least one ETT section; and  
storing each parsed ETT section as a text message.

10 13. A method of claim 11, wherein the table\_id\_extension is  
composed of 16 bits.

14. A method of claim 13, wherein 14 bits of the 16 bits  
represents the event\_id.

15. A method of claim 14, wherein one of two bits of the  
table\_id\_extension not used for the event\_id represents an  
ETM\_location value to distinguish whether an ETT section is  
transmitted from a same channel as a corresponding EIT.

20 16. A method of claim 14, wherein one of two bits of the  
table\_id\_extension not used for the event\_id represents a value  
to distinguish whether detailed information included in an ETT  
section is for channels or for events.

25 17. A method of claim 11, further comprising inserting an

ETM\_location value in the table\_id\_extension to distinguish whether an ETT section is transmitted from the same channel as EIT.

5 18. A method of claim 11, further comprising inserting a value in the table\_id\_extension to distinguish whether detailed information in an ETT section is for channels or for events.

10 19. A method of claim 11, wherein filtering and receiving, at the receiver, ETT sections with values corresponding to a specific version.